

Calculating with Excel

Exercises

BRIE- European Studies and Public Administration

1

Checking for errors

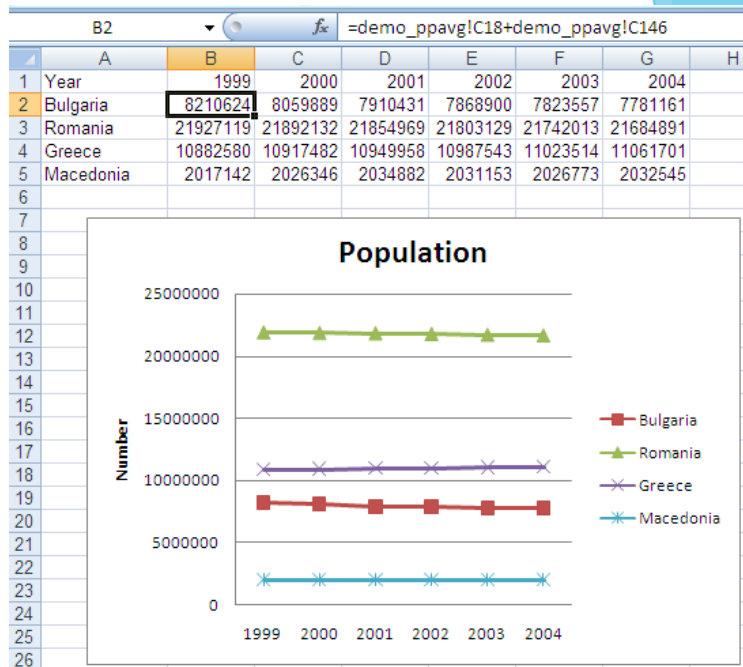
- ▶ Download

[Excel file Average population by sex-1999-2004](#)

from www.uni-ruse.bg/fbm/mra

- ▶ Calculate total population for each country below the age groups
- ▶ Find the difference between Total row and calculated total
- ▶ Correct the errors in tables

2

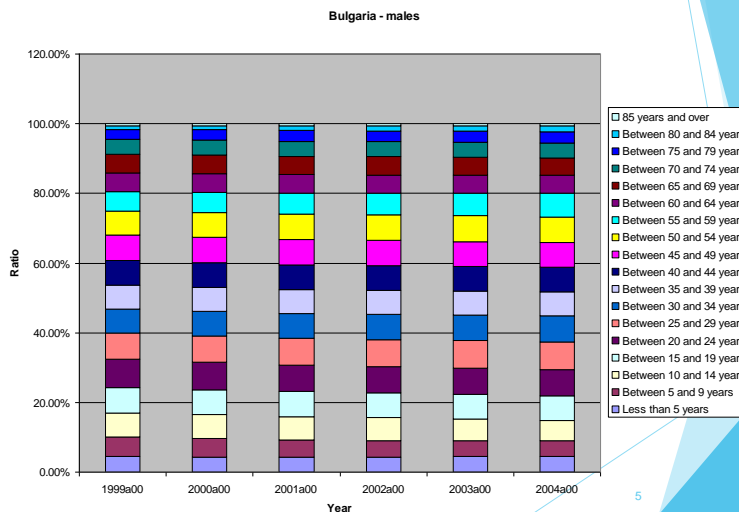


Ratio of population

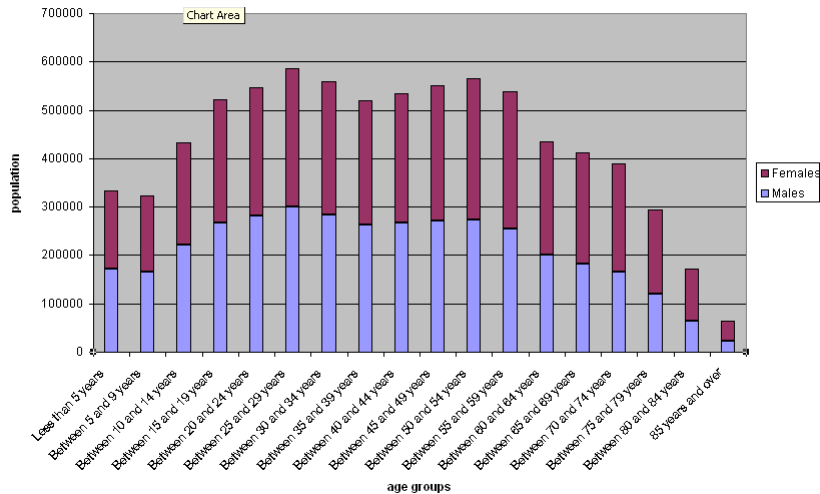
► Calculate the ratio

	B	C	D	E	F	G	H	I	J	K
11	Males									
12										
13	Bulgaria									
14										
15		1999a00	2000a00	2001a00	2002a00	2003a00	2004a00		1999a00	2000a00
16										
17										
18	Total	4002616	3926813	3852034	3828882	3803501	3779225			
19	Less than 5 years	176713	170293	165511	166792	169873	171656		4.41%	4.34%
20	Between 5 and 9 years	229022	210138	192845	182345	171757	165840		5.72%	5.35%
21	Between 10 and 14 years	271581	265154	256889	247633	235913	222112		6.79%	6.75%
22	Between 15 and 19 years	293073	283068	275271	272822	270345	267751		7.32%	7.21%
23	Between 20 and 24 years	323503	308417	293637	289576	285340	281022		8.08%	7.85%
24	Between 25 and 29 years	302101	297627	293058	297588	300669	299846		7.55%	7.58%
25	Between 30 and 34 years	274043	276560	277560	281646	283284	284370		6.85%	7.04%
26	Between 35 and 39 years	278357	271007	262234	257964	257968	262593		6.95%	6.90%
27	Between 40 and 44 years	263526	278465	273668	271419	269397	267500		7.06%	7.09%
28	Between 45 and 49 years	292132	282898	277447	277205	274321	271305		7.30%	7.20%

Diagrams



Bulgaria - 2004



Country	Gender	1999a0	2000a0	2001a0	2002a0	2003a0	2004a0
Bulgaria	males	4002616	3926813	3852034	3828882	3803501	3779225
	females	4208008	4133076	4058397	4040018	4020056	4001936
Greece	males	5389873	5406030	5421082	5439300	5456492	5475517
	females	5492707	5511452	5528876	5548243	5567022	5586184
Romania	males	10724020	10701926	10678047	10645951	10609775	10576773
	females	11203099	11190206	11176922	11157178	11132238	11108118
Macedonia	males	1009369	1013855	1017927	1017752	1017274	1019903
	females	1007773	1012491	1016955	1013401	1009499	1012642

7

Population by gender

